

Day-Brite CFI

by Signify

Recessed

Wal-Master asymmetric

2', TT5,
semi-specular reflector



Project: _____
Location: _____
Cat.No: _____
Type: _____
Lamps: _____ Qty: _____
Notes: _____

Day-Brite / CFI Wal-Master asymmetric is a cost effective high performance wall wash luminaire that delivers good light levels and an even wash of light. Low-iridescent semi-specular reflectors do not protrude below the ceiling line, providing a clean appearance while controlling the light output to illuminate vertical surfaces uniformly.

Ordering guide

Example: WMRL124UNV-1/1-EB

Family	Ceiling Type	Reflector	No. of Lamps	Length	Lamp Type	Voltage	Options
WM	R	L	1	2		—	
WM Wal-Master wall wash	R Recessed	L Low iridescent semi-specular aluminum	1 1 lamp	2 2'	1 18WTT5 2 24WTT5 4 40WTT5 5 50WTT5 6 55WTT5	UNV Universal Voltage, 120-277V 120 120V 277 277V 347 347V	1/1 One 1-lamp ballast EB Electronic ballast, <10% THD EB10I CF40 electronic ballast, instant start, <10% THD EBD7 Mark 7 dimming ballast, 0-10V dimming (not available for 18WTT5, 24WTT5 or 50WTT5) EBDX Mark 10 dimming ballast, phase control dimming (not available for 18WTT5 or 50WTT5) EBD Electronic dimming ballast, customer specified F1 3/8" flex, 3 wire 18 gauge 6' F2/SW 3/8" single flex, 5 wire 18 gauge 6' for dimmable luminaires GLR Fusing, fast blow RF1 RFI-1 RFI (Radio Interference) filter/suppressor(s)

Accessories (order separately)

- **WL2DF/UNV** – drywall kit



WMRL Wal-Master asymmetric

2', TT5, semi-specular reflector

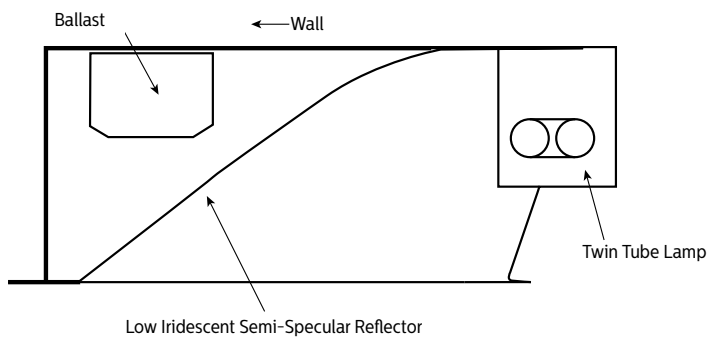
Features

- Low iridescent semi-specular reflector system for controlled light output.
- Evenly lights vertical surfaces or displays (no scallops).
- 87% energy savings vs. incandescent.
- 3150 lumen twin tube TT5 lamp (40WTT5 models) requires fewer fixtures to provide the same wall illumination as a 150W incandescent wallwasher.
- Long lamp life requires less maintenance than incandescent.
- Can be installed only 2' from wall to farthest edge of fixture.
- No edges protrude below grid ceiling systems.
- Fits all standard and narrow grid ceiling systems.
- One-piece body and adjustable hanger for easy, quick installation.
- Sides of luminaire can support tile or sit on T-bar.

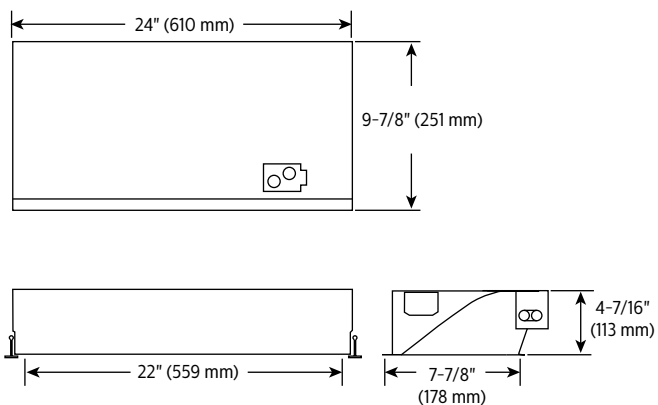
Specifications

- **Materials:** Chassis parts are die-formed code gauge cold rolled steel. Reflector— low iridescent semi-specular aluminum.
- **Finish:** Chassis exterior—white baked acrylic enamel. Phosphate undercoating. Reflector—low iridescent semi-specular.
- **Electrical:** Rapid start HPF, thermally protected class "P" ballast. If K.O. is within 3" of ballast, use wire suitable for at least 90°.
- **Labels:** cULus listed. Suitable for damp locations.

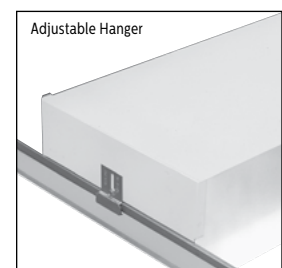
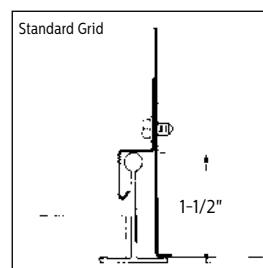
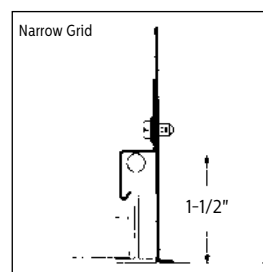
Features



Dimensions



Mounting methods



WMRL Wal-Master asymmetric

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Photometry

Model No. WMRL124120

LER = 44.8 IW=45.1 BF=0.99
Comparative yearly lighting energy cost per
1000 lumens = \$5.36

Report Number: G96115

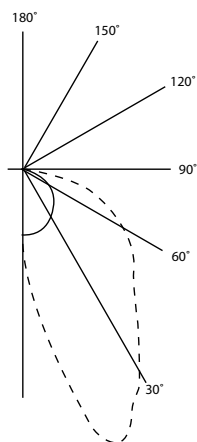
Catalog Number: WMRL124120

Lamp: (1) Twin Tube TT5 40W

Lamp Lumens: 3150

Luminaire: 2' Wal-Master / Accent troffer

Efficiency: 64.8%



Coefficients of Utilization

Ceiling	80%			50%			30%			
Wall	70	50	30	50	30	10	50	30	10	
RCR	Zonal Cavity Method—Effective Floor Cavity Reflectance = 0.20									
Room Cavity Ratio	1	70	67	65	63	61	59	61	59	57
	2	64	59	54	55	52	49	53	50	48
	3	58	51	46	48	44	41	47	43	40
	4	53	45	40	43	38	35	41	37	34
	5	49	41	35	38	34	30	37	33	29
	6	45	36	31	35	30	26	34	29	26
	7	42	33	27	31	27	23	30	26	23
	8	39	30	24	29	24	20	28	23	20
	9	36	27	22	26	22	18	26	21	18
	10	34	25	20	24	20	17	24	19	16

Footcandles on Wall Fixtures 3 Feet from Wall to Outside Trim on Lamp Side of Fixture

	Individual WalMaster								Multiple Units												Continuous Row											
	0'	1'	2'	3'	4'	5'	6'	7'	← 4' →				← 6' →								0'	1'	2'	3'	4'	5'	6'	7'	8'			
Ceiling																																
8'	52	41	24	13	8	6	5	4	71	64	56	64	71	61	51	35	29	35	51	61	119	122	123	124	124	124	123	122	119			
7'	56	48	32	19	12	8	6	5	83	79	74	79	83	66	60	47	41	47	60	66	144	149	152	153	153	153	152	149	144			
6'	43	39	29	19	13	9	7	5	72	70	69	70	72	54	51	45	41	45	51	54	125	131	134	136	136	136	134	131	125			
5'	32	30	24	18	13	9	7	6	60	60	60	60	60	44	42	40	38	40	42	44	105	109	113	114	115	114	113	109	105			
4'	24	23	20	15	12	9	7	6	50	50	50	50	50	35	34	35	33	34	34	35	86	91	94	95	96	95	94	91	86			
3'	19	18	16	11	11	9	7	6	41	41	41	41	41	28	28	28	28	28	28	28	71	74	77	78	78	78	77	74	71			
2'	15	14	13	11	9	8	7	6	34	34	34	34	34	24	24	24	24	24	24	24	58	61	63	64	65	64	63	61	58			
1'	12	12	11	10	8	7	7	6	28	28	28	28	28	20	20	20	20	20	20	20	47	50	51	52	52	52	51	50	47			
Floor																																



Some luminaires use fluorescent or high intensity discharge (HID) lamps that contain small amounts of mercury. Such lamps are labeled, "Contain Mercury" and/or the symbol "HG". Lamps that contain mercury must be disposed of in accordance with local requirements. Information regarding lamp recycling and disposal can be found at www.lamprecycle.org

